Forest Ecology and Management, 41 (1991) 329–330
Elsevier Science Publishers B.V., Amsterdam

Contents of *Forest Ecology and Management*, Volume 41

VOL. 41 NOS. 1,2 JUNE 1991

Physiographic position, disturbance and species composition in North Carolina coastal plain forests
J.G. Wyant (Fort Collins, CO, USA), R.J. Alig (Triangle Park, NC, USA) and W.A. Bechtold (Asheville, NC, USA) 1
Changes in understory vegetation following prescribed fire in maritime pine forests
F.C. Rego (Vila Real, Portugal), S.C. Bunting (Moscow, ID, USA) and J.M. da Silva (Oporto, Portugal) 21
A profile theory of tree growth
A. Osawa, M. Ishizuka and Y. Kanazawa (Sapporo, Japan) 33
The controls on dissolved nitrogen losses following two intensities of harvesting in a Sitka spruce forest (N. Wales)
B.A. Emmett (Bangor, UK), J.M. Anderson (Exeter, UK) and M. Hornung (Grange-over-Sands, UK) 65
Nitrogen sinks following two intensities of harvesting in an Sitka spruce forest (N. Wales) and the effect on the establishment of the next crop
B.A. Emmett (Bangor, UK), J.M. Anderson (Exeter, UK) and M. Hornung (Grange-over-Sands, UK) 81
Self-replacement in old-growth white pine forests of Temagami, Ontario
P.A. Quinby (Toronto, Ont., Canada) 95
A distance-dependent model of tree growth
P.J. Faber (Wageningen, Netherlands) 111
Chemical charactristics and temporal variations of nutrients in throughfall and stemflow of three species in Mediterranean holm oak forest
J. Bellot (Zaragoza, Spain) amd A. Escarre (Alicante, Spain) 125
Dry matter contents and its distribution in an age series of *Eucalyptus camaldulensis* (Dehn.) plantation in Sri Lanka
D.M.S.H.K. Ranasinghe (Nugegoda, Sri Lanka) and G.J. Mayhead (Bangor, UK) 137
Decomposition of litter in fertilized short-rotation forests on a low-humified peat bog
T. Šlapokas and U. Granhall (Uppsala, Sweden) 143

VOL. 41 NOS. 3,4 16 JULY 1991

Leaf nitrogen and its effects on the rate of herbivory on selected eucalypts in the jarrah forest
G. Casotti and J.S. Bradley (Murdoch, WA, Australia) 167
Effects of thinning and deer browsing on breeding birds in New England oak woodlands
R.M. DeGraaf, W.M. Healy and R.T. Brooks (Amherst, MA, USA) 179
Evaluating site quality of even-aged maritime pine stands in northern Portugal using direct and indirect methods
C. Pacheco Marques (Vila Real, Portugal) 193

Quantity and timing of needlefall in N and P fertilized loblolly pine stands
J.M. Vose (Otto, NC, USA) and H.L. Allen (Raleigh, NC, USA) 205
Relationships between growth, mineral nutrition and site factors of teak (*Tectona grandis)* plantations in the rainforest zone of Liberia
W. Zech and P. Drechsel (Bayreuth, FRG) 221
Above-ground biomass production and nutrient accumulation in an age sequence of *Pinus caribaea* stands
O. Kadeba (Akure, Nigeria) 237
Long-term patterns in soil moisture and revegetation after a clearcut of a Douglas-fir forest in Oregon
P.W. Adams, A.L. Flint and R.L. Fredriksen (Corvallis, OR, USA) 249
An application of a spatial growth model of Scots pine on drained peatland
J. Miina, T. Kolström and T. Pukkala (Joensuu, Finland) 265
Comparison of site index and biomass production of spruce-fir stands by soil drainage class in Maine
R.A. Williams (Ruston, LA, USA), B.J. Hoffman and R.S. Seymour (Orono, ME, USA) 279
Regeneration capacity and productivity of natural forest in Burkina Faso
G.J.B. Renes (Den Haag, Netherlands) 291
Growth and yield estimates in natural stands of leleshwa (*Tarconanthus camphoratus*
T.P. Young and C. Francombe (Nairobi, Kenya) 309

Author Index 323

Subject Index 325